

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DC.P30037GB	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 00/ 02812	International filing date (day/month/year) 20/07/2000	(Earliest) Priority Date (day/month/year) 20/07/1999
Applicant STATUS HI-TECH LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.
☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

CAPACITIVE SWITCH

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

3
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 00/02812

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-15, 28, 29, 31-38

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 00/02812

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03K17/96 H03K17/955 G08B17/10 H02J13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03K H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 01835 A (INVOTRONICS MANUFACTURING) 16 January 1997 (1997-01-16)	1,2,4,9
Y	page 19, line 1 - line 7; figure 7A	3,5-13, 32,33
Y	--- WO 96 12291 A (VORA PRAMOD) 25 April 1996 (1996-04-25)	3,5,9, 12,13, 32,33
A	page 5, line 28 -page 6, line 14 page 9, line 5 - line 19 page 42, line 9 - line 23 page 11, line 32 - line 34 figures 1,9,10	8
Y	--- EP 0 648 628 A (DRAFTEX IND LTD) 19 April 1995 (1995-04-19) column 8, line 21 - line 38; figure 15 --- -/--	5,6

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

31 October 2000

Date of mailing of the international search report

02. 02. 2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

D/L PINTA BALLE..., L

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 00/02812

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 656 338 A (YAGASAKI TOSHIAKI ET AL) 7 April 1987 (1987-04-07) column 8, line 16 - line 35 ---	7,8
A	US 4 924 222 A (ANTI-KIDIS JEAN-PIERRE ET AL) 8 May 1990 (1990-05-08) column 1, line 35 - line 40 column 3, line 20 - line 27 ---	4
Y	US 4 290 052 A (EICHELBURGER CHARLES W ET AL) 15 September 1981 (1981-09-15) column 1, line 63 - column 2, line 13 ---	9,10
A	WO 85 03820 A (ANTI-KIDIS JEAN PIERRE; LOUIS FREDERIC) 29 August 1985 (1985-08-29) page 5, line 20 - line 23; figure 1 ---	9,10
Y	US 5 508 700 A (TAYLOR THOMAS M ET AL) 16 April 1996 (1996-04-16) column 9, line 58 - line 65; figures 3,4 -----	11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 00/02812

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9701835 A	16-01-1997	US 5801340 A BR 9608652 A CA 2226016 A EP 0885434 A EP 0977363 A JP 2000513864 T	01-09-1998 07-12-1999 16-01-1997 23-12-1998 02-02-2000 17-10-2000
WO 9612291 A	25-04-1996	US 5719450 A	17-02-1998
EP 0648628 A	19-04-1995	DE 69413170 D DE 69413170 T ES 2120577 T GB 2282848 A,B GB 2319294 A,B US 5621290 A	15-10-1998 02-06-1999 01-11-1998 19-04-1995 20-05-1998 15-04-1997
US 4656338 A	07-04-1987	JP 59137966 A JP 59138547 A JP 1888979 C JP 4069389 B JP 59036050 A DE 3330267 A DE 3347767 A	08-08-1984 09-08-1984 07-12-1994 06-11-1992 28-02-1984 05-04-1984 09-08-1984
US 4924222 A	08-05-1990	FR 2566209 A DE 3584092 A DE 3584092 D EP 0203923 A WO 8503820 A	20-12-1985 17-10-1991 17-10-1991 10-12-1986 29-08-1985
US 4290052 A	15-09-1981	NONE	
WO 8503820 A	29-08-1985	FR 2566209 A FR 2577365 A DE 3584092 A DE 3584092 D EP 0203923 A US 4924222 A	20-12-1985 14-08-1986 17-10-1991 17-10-1991 10-12-1986 08-05-1990
US 5508700 A	16-04-1996	AU 2453595 A CA 2185420 A CN 1148914 A EP 0750809 A FI 963654 A JP 9510584 T NO 963874 A WO 9525385 A	03-10-1995 21-09-1995 30-04-1997 02-01-1997 15-11-1996 21-10-1997 15-11-1996 21-09-1995